

EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	44	voltage near2 doubler with (overvoltage voltage near2 surge voltage near2 transient voltage near2 spike excess near2 voltage)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/09 08:30
L2	56	voltage near2 doubler with (overvoltage voltage near2 surge voltage near2 transient voltage near2 spike excess near2 voltage clamp near2 voltage clamping near2 voltage)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/09 07:58
L3	5	voltage near2 doubler with (voltage near2 suppressor voltage near2 suppressing voltage near2 suppression)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/09 08:13
L4	6	("4729081" "4819145" "5572415" "5883502" "5933342" "5982649").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/02/09 08:03
L5	110	AC near2 (switch switching) with (overvoltage voltage near2 surge voltage near2 transient voltage near2 spike excess near2 voltage)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/09 08:09
L6	1	AC near2 (selector selecting selection) with (overvoltage voltage near2 surge voltage near2 transient voltage near2 spike excess near2 voltage)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/09 08:08
L7	93	rectifier near2 (switch switching) with (overvoltage voltage near2 surge voltage near2 transient voltage near2 spike excess near2 voltage)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/09 08:13
L8	0	("cornelisnear2johannes.in.").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/02/09 08:13
L9	1075	cornelis near2 johannes.in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/09 08:13

EAST Search History

L10	2	voltage near2 doubler and 9	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/09 08:13
L11	229	voltage near2 doubler near8 converter	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/09 08:14
L12	6	("5301095" "5600546" "5652700" "5757626" "5790389" "5909107").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/02/09 08:20
L13	2	("6147882").URPN.	USPAT	OR	ON	2007/02/09 08:20
L14	10	("3943428" "4268899" "4272704" "4445166" "4809152" "5113337" "5119282" "5148087" "5627455" "5694006").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/02/09 08:29
L15	5808	(boosting boost) near3 (converter conversion)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/09 08:30
L16	64	15 with (overvoltage voltage near2 surge voltage near2 transient voltage near2 spike excess near2 voltage)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/09 08:36
L17	312	bridge near2 rectifier with (overvoltage voltage near2 surge voltage near2 transient voltage near2 spike excess near2 voltage)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/09 08:49
L18	2	("4186418" "5345164").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/02/09 08:42
L19	0	("6219263").URPN.	USPAT	OR	ON	2007/02/09 08:43
L20	0	("6219263").URPN.	USPAT	OR	ON	2007/02/09 08:43
L21	12	voltage near3 (doubler double doubling) near2 rectifier with (overvoltage voltage near2 surge voltage near2 transient voltage near2 spike excess near2 voltage)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/09 09:25
L22	31	voltage near3 (doubler double doubling) near2 rectifier same (overvoltage voltage near2 surge voltage near2 transient voltage near2 spike excess near2 voltage)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/09 08:51

EAST Search History

L23	217	voltage near3 (doubler double doubling) near2 rectifier and (overvoltage voltage near2 surge voltage near2 transient voltage near2 spike excess near2 voltage)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/09 11:11
L24	5	("4937731" "5119283" "5287263" "5661348" "6137700").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/02/09 08:55
L25	6	("4268899" "4780805" "4837672" "5119283" "5138547" "5162984").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/02/09 08:55
L26	12	("5661348").URPN.	USPAT	OR	ON	2007/02/09 08:56
L27	13	("4268899" "4608500" "4783729" "4805083" "4933832" "5097402" "5162984" "5287263" "5572415" "5619127" "5654884" "5661348" "5793626").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/02/09 09:22
L28	1	("4608500").PN.	US-PGPUB; USPAT	OR	OFF	2007/02/09 09:22
L29	5	("3524072" "3900787" "4167777" "4268899").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/02/09 09:22
L30	14	("4608500").URPN.	USPAT	OR	ON	2007/02/09 09:23
L31	188	voltage near3 doubler near5 converter	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/09 09:25
L32	6	("3851182" "4642745" "4780805" "4930061" "4959766" "4967333").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/02/09 09:28
L33	42	("5119283").URPN.	USPAT	OR	ON	2007/02/09 09:28
L34	19	("2956172" "3174095" "3456129" "3581104" "4555655" "4555751" "4568871" "4783729" "5063340" "5099407" "5119283" "5422562" "5682022" "5886502" "5963439" "6738277").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/02/09 09:28
L35	13	("3713018" "4268899" "4608500" "4665323" "4780805" "4845607" "4864488" "4933832" "4980812" "5119283" "5162984" "5287263").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/02/09 09:43
L36	4	("4608500" "4654538" "4658345" "4665323").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/02/09 09:48
L37	5	("3524072" "3900787" "4167777" "4268899").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/02/09 09:49
L38	14	("4608500").URPN.	USPAT	OR	ON	2007/02/09 10:11
L39	1	("4864700").PN.	US-PGPUB; USPAT	OR	OFF	2007/02/09 10:11
L40	1	("6137700").PN.	US-PGPUB; USPAT	OR	OFF	2007/02/09 10:11
L41	8	("4268899" "4837672" "4937731" "5088019" "5162984" "5287263" "5572415" "5661348").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/02/09 10:24
L42	1	("5162984").PN.	US-PGPUB; USPAT	OR	OFF	2007/02/09 10:43

EAST Search History

L43	1	("5933342").PN.	US-PGPUB; USPAT	OR	OFF	2007/02/09 11:11
L44	3135	(361/18,91.1,111).CCLS.	US-PGPUB; USPAT	OR	OFF	2007/02/09 11:11
L45	43	voltage near3 (doubler double doubling) and 44	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/09 11:11
S1	1	("5510944").PN.	US-PGPUB; USPAT	OR	OFF	2007/02/08 09:44
S2	2	("3893006" "4780809").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/02/08 09:44
S3	2	("5510944").URPN.	USPAT	OR	ON	2007/02/08 09:45
S4	8	("3125720" "3681672" "4805063" "4956739" "5510944" "5880589" "6268988").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/02/08 09:45
S5	8	("2550119" "3143687" "4093915" "4278971" "4401942" "4419621").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/02/08 09:46
S6	9	("4805063").URPN.	USPAT	OR	ON	2007/02/08 09:48
S7	4723	rectifier and capacitors same (overvoltage voltage near2 surge voltage near2 spike)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/08 09:50
S8	2352	rectifier and capacitors with (overvoltage voltage near2 surge voltage near2 spike)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/08 09:55
S9	878	S8 and converter	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/08 09:50
S10	501	rectifier and capacitors same (overvoltage voltage near2 surge voltage near2 spike) with zener	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/08 09:50
S11	186	S10 and converter	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/08 09:50

EAST Search History

S12	19	rectifier and midpoint with capacitors same (overvoltage voltage near2 surge voltage near2 spike)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/08 09:56
S13	104	rectifier and midpoint with capacitors and (overvoltage voltage near2 surge voltage near2 spike)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/08 10:01
S14	1870	(converter conversion) and voltage near2 doubler	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/08 10:20
S15	245	S14 and (overvoltage voltage near2 surge voltage near2 spike)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/08 10:25
S16	5	("4937731" "5119283" "5287263" "5661348" "6137700").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/02/08 10:05
S17	8	("4268899" "4837672" "4937731" "5088019" "5162984" "5287263" "5572415" "5661348").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/02/08 10:06
S18	6	("3851182" "4642745" "4780805" "4930061" "4959766" "4967333").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/02/08 10:09
S19	10	("4672293" "4795914" "4810936" "4948987" "4956584" "4962354" "5012121" "5111058" "5258901" "5612581").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/02/08 10:12
S20	102	(rectifier near5 doubler rectifier near4 doubling voltage near3 doubler voltage near3 doubling voltage near3 double) with (transient near3 suppress\$4 overvoltage voltage near2 surge voltage near2 spike)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/08 10:22
S21	297	(rectifier near5 doubler rectifier near4 doubling voltage near3 doubler voltage near3 doubling voltage near3 double) same (transient near3 suppress\$4 overvoltage voltage near2 surge voltage near2 spike)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/08 10:19
S22	87	(converter conversion) and S21	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/08 10:20

EAST Search History

S23	47	(rectifier near5 doubler rectifier near4 doubling voltage near3 doubler voltage near3 doubling voltage near3 double) with (shunt shunting bypass bypassing) near4 (diode zener)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/08 10:24
S24	1716	(voltage near3 doubler voltage near3 doubling voltage near3 double) same (converter conversion)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/08 11:04
S25	162	S24 and (overvoltage voltage near2 surge voltage near2 spike)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/08 11:05
S26	0	("2002/0063116").URPN.	USPAT	OR	ON	2007/02/08 10:27
S27	4	("4750102" "5493486" "5640111" "6278910").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/02/08 10:27
S28	5	("5310992" "5930122" "6054674" "6069811" "6269015").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/02/08 10:28
S29	4	("5272313" "5310992" "5319533" "6054674").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/02/08 10:29
S30	15	("2830253" "2997631" "3815009" "3846695" "4415964" "4540892" "4564742" "4608498" "4608500" "4641234" "4780805" "4843301" "4845607").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/02/08 10:30
S31	7	("3846692" "3852731" "4540892" "4665323" "4780805" "4783729" "4805083").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/02/08 10:30
S32	10	("4672293" "4795914" "4810936" "4948987" "4956584" "4962354" "5012121" "5111058" "5258901" "5612581").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/02/08 10:36
S33	7	("4316133" "4685120" "4795914" "4810936" "4930036" "4956584" "4962354").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/02/08 10:36
S34	33	("5111058").URPN.	USPAT	OR	ON	2007/02/08 10:37
S35	6	("3851182" "4642745" "4780805" "4930061" "4959766" "4967333").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/02/08 10:40
S36	14	("3851182").URPN.	USPAT	OR	ON	2007/02/08 10:40
S37	19	("3713018" "3720868" "3851182" "4268899" "4665323" "4780805" "4837672" "4864488" "4933832" "4937731" "5097402" "5119283" "5138547" "5162984" "5287263" "5781427" "5793626" "5831846").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/02/08 10:41
S38	3	("3851182" "4268899" "5119283").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/02/08 10:42
S39	5	("3354379" "3851182" "3961152" "4193111").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/02/08 10:43
S40	19	("4268899").URPN.	USPAT	OR	ON	2007/02/08 10:43

EAST Search History

S41	5	("3524072" "3900787" "4167777" "4268899").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/02/08 10:47
S42	14	("4608500").URPN.	USPAT	OR	ON	2007/02/08 10:48
S43	7	("4389702" "4608500" "4665323" "4730122" "4780805" "4800329" "5097402").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/02/08 10:48
S44	18	("4665323" "4837672" "4937731" "5119283" "5126984" "5146398" "5235504" "5287263" "5313382" "5321600" "5349284" "5367247" "5391976" "5408403" "5420780" "5432431" "5446366" "5572415").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/02/08 10:54
S45	15945	(voltage near3 doubler voltage near3 doubling voltage near3 double)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/08 12:46
S46	97	S45 WITH (overvoltage voltage near2 surge voltage near2 spike)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/08 11:34
S47	209	S45 AND (overvoltage voltage near2 surge voltage near2 spike) NEAR3 (PROTECTION PROTECTING PROTECTOR)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/08 11:26
S48	2	("3893006" "4780809").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/02/08 11:26
S49	2	("5510944").URPN.	USPAT	OR	ON	2007/02/08 11:26
S50	5	DOUBLER with (overvoltage voltage near2 surge voltage near2 spike) NEAR3 (PROTECTION PROTECTING PROTECTOR)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/08 11:28
S51	65	voltage near2 DOUBLER with zener	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/08 11:31
S52	5	voltage near2 DOUBLER with leakage near2 current	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/08 11:31

EAST Search History

S53	15	voltage near2 DOUBLER with dissipat\$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/08 11:32
S54	273	S45 same (overvoltage voltage near2 surge voltage near2 spike)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/08 12:12
S55	259	(363/52).CCLS.	US-PGPUB; USPAT	OR	OFF	2007/02/08 11:35
S56	20	("2956172" "3174095" "3456129" "3581104" "3810026" "4555655" "4555751" "4568871" "4783729" "5063340" "5099407" "5119283" "5422562" "5682022" "5886502" "5963439" "6738277").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/02/08 11:35
S57	2	("4783729" "5099407").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/02/08 11:35
S58	9	("1686022" "2737625" "3358220" "3373335" "4333046").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/02/08 11:38
S59	9	("3253202" "3346795" "4052648" "4072880" "4151453" "4176307" "4190793").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/02/08 11:38
S60	21	("4333046").URPN.	USPAT	OR	ON	2007/02/08 11:45
S61	21279	("363").CLAS.	US-PGPUB; USPAT	OR	OFF	2007/02/08 11:45
S62	2506	S61 and (overvoltage voltage near2 surge voltage near2 spike)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/08 11:45
S63	220	S45 and S62	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/08 11:45
S64	361	S45 same voltage near2 (limit limiter limiting)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/08 12:24
S65	429	(midpoint series) near2 capacitor with (overvoltage voltage near2 surge voltage near2 spike)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/08 12:13

EAST Search History

S66	108	S65 and (conversion converter)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/08 12:17
S67	1	("4568871").PN.	US-PGPUB; USPAT	OR	OFF	2007/02/08 12:17
S68	9	("1686022" "2737625" "3358220" "3373335" "4333046").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/02/08 12:17
S69	9	("3253202" "3346795" "4052648" "4072880" "4151453" "4176307" "4190793").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/02/08 12:17
S70	21	("4333046").URPN.	USPAT	OR	ON	2007/02/08 12:18
S71	10	("4118768" "4127895" "4333046" "4567537" "4642746" "4819145" "4839570" "4888813" "4910447" "4999556").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/02/08 12:18
S72	7	("3343064" "3500169" "4202032" "4527229" "4626697").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/02/08 12:19
S73	7	("3343064" "3500169" "4202032" "4527229" "4626697").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/02/08 12:19
S74	93	(swith switching) near2 mode with voltage near2 (limit limiter limiting surge spike transient over) and (conversion converter)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/08 12:27
S75	857	capacitors with voltage near2 (limit limiter limiting surge spike transient over) and S45	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/08 12:27
S76	511	capacitors near5 voltage near2 (limit limiter limiting surge spike transient over) and S45	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/08 12:27
S77	121	capacitors near5 voltage near2 (limit limiter limiting surge spike transient over) same S45	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/08 12:46
S78	20	("2956172" "3174095" "3456129" "3581104" "3810026" "4555655" "4555751" "4568871" "4783729" "5063340" "5099407" "5119283" "5422562" "5682022" "5886502" "5963439" "6738277").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/02/08 12:29
S79	2	("4783729" "5099407").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/02/08 12:29

EAST Search History

S80	5	("3041501" "4545464" "4678063" "5063340").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/02/08 12:30
S81	2	("5682022").URPN.	USPAT	OR	ON	2007/02/08 12:31
S82	5	("3069562" "3166639" "3911324").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/02/08 12:33
S83	5	("3076131" "3358210" "3723850").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/02/08 12:34
S84	10	("3911324").URPN.	USPAT	OR	ON	2007/02/08 12:34
S85	9	("3911324" "4555751" "4686619" "4831508" "4855890" "5422804" "5535906" "5874788" "6212083").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/02/08 12:35
S86	6	("4729081" "4819145" "5572415" "5883502" "5933342" "5982649").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/02/08 12:35
S87	5	("3456129").URPN.	USPAT	OR	ON	2007/02/08 12:44
S88	1563	(voltage near3 doubler voltage near3 doubling voltage near3 double) near7 (switch switching)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/08 12:46
S89	47	S88 near5 voltage near2 (limit limiter limiting surge spike transient over)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/08 13:05
S90	14845	(switch switching) near5 voltage near2 (limit limiter limiting surge spike transient over)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/08 12:51
S91	9100	(switch switching) near5 voltage near2 (limit limiter limiting surge spike transient)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/08 12:51
S92	311	S45 and S91	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/08 13:01
S93	1109	(361/18).CCLS.	US-PGPUB; USPAT	OR	OFF	2007/02/08 13:01

EAST Search History

S94	17	S45 and S93	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/08 13:05
S95	400	doubler near5 converter	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/08 13:10
S96	70	S95 and voltage near2 (limit limiter limiting surge spike transient over)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/08 13:11
S97	9	("3911324" "4555751" "4686619" "4831508" "4855890" "5422804" "5535906" "5874788" "6212083").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/02/08 13:07
S98	5330	voltage near2 doubler	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/08 13:11
S99	1329	S98 and voltage near2 (limit limiter limiting surge spike transient over)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/08 13:21
S100	986	S98 and voltage near2 (limit limiter limiting surge spike transient)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/08 13:11
S101	197	S98 same voltage near2 (limit limiter limiting surge spike transient)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/08 13:11
S102	3	boost near2 capacitor near5 voltage near2 (limit limiter limiting surge spike transient)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/08 13:21

EAST Search History

S10 3	4	boost near2 capacitor with voltage near2 (limit limiter limiting surge spike transient)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/08 13:21
S10 4	34	boost near2 capacitor same voltage near2 (limit limiter limiting surge spike transient)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/08 13:29
S10 5	1	("2269950").PN.	US-PGPUB; USPAT	OR	OFF	2007/02/09 07:51